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FORM PTO-1449 (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. 24096 .00700		Serial No. 09/675,488													
INFORMATION DISCLOSURE CITATION																			
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U.S. PATENT DOCUMENTS																			
* Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date												
jin	AA	Re 34,908	9/5/00	Wyles, et al	250	208,1													
jin	AB	4,249,122	2/3/81	Widlar	223	313													
jin	AC	4,463,383	7/31/84	Sonoda, et al	358	212													
jin	AD	4,466,018	8/14/84	Sonoda, et al	358	213													
jin	AE	4,676,761	6/30/87	Poujois	445	3													
jin	AF	4,794,247	12/27/88	Stineman, et al	250	214A													
jin	AG	5,043,820	8/27/91	Wyles, et al	358	213,8													
jin	AH	5,083,016	1/21/92	Wyles, et al	250	208,1													
jin	AI	5,345,266	9/6/94	Denyer, et al	348	300													
jin	AJ	5,296,696	3/22/94	Uno, M.	250	208,1													
jin	AK	5,471,515	11/28/95	Fossum, et al	377	60													
jin	AL	5,576,763	11/19/96	Ackland, et al	348	308													
jin	AM	5,541,402	7/30/96	Ackland, et al	250	208,1													
jin	AN	5,587,596	12/24/96	Chi, et al	257	233													
jin	AO	5,608,243	3/4/97	Chi, et al	257	249													
jin	AP	5,055,667	10/08/91	Sayag	250	208,1													
jin	AQ	5,128,534	7/7/92	Wyles, et al	250	208,1													
jin	AR	5,146,302	9/8/92	Kumada	357	24													
jin	AS	5,382,977	1/17/95	Kozlowski, et al	348	300													
jin	AT	5,627,112	5/6/97	Tennant, et al	438	113													
jin	AU	5,665,959	9/9/97	Fossum, et al	250	208,1													
jin	AV	5,929,434	7/27/99	Kozlowski, et al	250	214A													
jin	AW	5,933,190	8/3/99	Dierickx, et al	348	302													
jin	AX	6,064,431	5/16/00	Ueno	348	241													
jin	AY	RE 34,802	11/29/94	Sayag, et al	250	208,1													
jin	BA	6,001,668	12/14/99	Anagnostopoulos, et al	438	76													
jin	BB	5,898,168	4/27/99	Gowda, et al	250	208,1													

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No



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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

zin	BC	R.H. Dyck and G.P. Weckler, "Integrated Arrays Of Silicon Photodetectors For Image Sensing", IEEE Trans. Electron Devices, ED-15, April 1968, pp.196-201
zin	BD	J.D. Plummer and J.D. Meindl, "MOS Electronics For A portable Reading Aid For The Blind", IEEE J. Solid-State Circuits, SC-7, April 1972, pp. 111-119
zin	BE	N. Koikke, I. Takemoto, K. Satoh, S. Hanamura, S. Nagahara and M. Kubo, "MOS Area Sensor: Part I – Design Consideration And Performance Of An n-p-n Structure 484 x 384 Element Color MOS Imager", IEEE Trans Electron Devices, ED-27 (8), August 1980, pp. 1676-1681
zin	BF	S. Ohba, M. Nakai, H. Ando, S. Hanamura, S. Shimada, K. Satoh, K. Takahashi, M. Kubo and T. Fujita, "MOS Area Sensor: Part II – Low-Noise MOS Area Sensor With Antiblooming Photodiodes", IEEE Trans. Electron Devices, ED-27 (8) August 1980, pp. 1682-1687
zin	BG	EG&G Reticon Sales Catalog, <u>Image Sensing and Solid State Camera Products 1994/1995</u> . Solid State Image Sensor Array Specification For Part No: RA0256B
zin	BH	EG&G Reticon Sales Catalog, <u>Image Sensing and Solid State Camera Products 1994/1995</u> . High-SpeedSolid State Image Sensor Array Specification For Part No: RA2568N
zin	BI	EG&G Reticon Sales Catalog, <u>Image Sensing and Solid State Camera Products 1994/1995</u> . Solid State Sensor Arrays Specification For Part Nos: RA0100A/RA0128N
zin	BJ	H. Ando, S. Ohba, M. Nakai, T. Ozaki, M. Ozawa, K. Ikeda, T. Masuhara, T. Imaide, I. Takemoto, T. Suzuki and T. Fukita, "Design Consideration And Performance Of A New MOS Imaging Device", "IEEE Trans. On Elec. Dev., ED-32 (8), August 1985, pp. 1484-1489
zin	BK	N. Tanaka, T. Ohmi and Y. Nakamura, "A Novel Bipolar Imaging Device With Self-Noise Reduction Capability", IEEE Trans. Elec. Dev., 36 (1), January 1989, pp. 31-38
zin	BL	G.P. Weckler, "Storage Mode Operation Of A Phototransistor And Its Adaptation To Integrated Arrays Foe Image Detection", IEDM, October 1996. (Abstract Only – No known paper available from professional document delivery services)
zin	BM	N. Tanaka, T. Ohmi, Y. Nakamura and S. Matsumoto, "A Low-Noise Bi-CMOS Linear Imager Sensor With Auto-Focusing Function", IEEE Trans. Elec. Dev., 36 (1), January 1989, pp. 39-45
zin	BN	N. Tanaka, S. Hashimoto, M. Shinohara, S. Sugawa, m. Morishita, S. Matsumura, Y. Nakamura and T. Ohmi, "A 310k Pixel Bipolar Imager (BASIS)", ISSCC 1989
zin	BO	G.P. Weckler, "Charge Storage Lights The Way For Solid-State Image Sensors", Electronics, May 1, 1967, pp. 75-78
zin	BP	G.P. Weckler, "Operation of p-n Junction Photodetectors In A Photon Flux Integrating Mode", IEEE Journal Of solid State Circuits, Vol. SC-2, No. 3, September 1967, pp. 65-73
zin	BQ	G.P. Weckler and R.H. Dyck, "Integrated Arrays Of Silicon Photodetectors For Image Sensing", WESCON, August 22-25, 1967, pp. 1-8
zin	BR	L.J. Kozlowski, J. Luo, W.E. Kleinhans and T. Lui, "Comparison Of Passive And Active Pixel Schemes For CMOS Visible Imagers", SPIE, Vol. 3360, April 1998
zin	BS	Ming-Jer Chin, Yen-Bin Gu, Terry Wu, Po-Chin Hsu and Tsung-Hann Liu, "Weak Inversion Charge Injection In Analog MOS Switches", IEEE Journal Of Solid-State Circuits, Vol. 30, No. 5, May 1995, pp. 604-606
zin	BT	Peter W. Fry, Peter J. W. Noble and Robert J. Rycroft, "Fixed-Pattern Noise In Photomatrices", IEEE Journal Of Solid-State Circuits, Vol. SC-5, No. 5, October 1970, pp. 250-254
zin	BU	Degrauwe, et al., "A Micropower CMOS-Instrumentation Amplifier", IEEE Journal Of Solid-State Circuits, Vol. SC-20, No. 3 June 1985, pp. 805-807

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<i>in</i>	BV	Letter Dated July 31, 1998, From Gene Weckler, RAD-ICON IMAGING CORP., addressed to Mark Wettler
	BW	Chamberlin, et al., "A Novel Wide Dynamic Range Silicon Photodetector And Linear Imaging Array", IEEE Transactions On Electron Devices, Vol. ED-31, No. 2, February 1984, pp. 175-182
<i>in</i>	BX	L.J. Kozlowski, D. Standley, J. Luo, A. Tomasini, A. Gallagher, R. Mann, B.C. Hsieh, T. Liu and W.E. Kleinhans, "Theoretical Basis And Experimental Confirmation: Why A CMOS Imager Is Superior To A CD", SPIE Conference On Infrared Technology And Applications XXV, Orlando, Fla, April 1999, Vol. 369, pp. 388-396
<i>in</i>	BY	Mendis, et al., "A 128 x 128 CMOS Active Pixel Image Sensor For Highly Integrated Imaging Systems," IEEE Electron Device Meeting, p. 583, 1993
Examiner	<i>Ryan J. Miller</i>	Date Considered 9-16-03

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<i>ym</i>	AB	5,892,540	4/6/99	Kozlowski, et al	348	300	6/13/96						
<i>ym</i>	AC	6/043,525	3/28/00	Chen	257	292	12/15/98						
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<i>ym</i>	AD	Copy of PCT Search Report											
Examiner	<i>Ayan J. Maitra</i>			Date Considered			<i>9-16-03</i>						
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